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fields  
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Patent Office Classifications  
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(Version 7.01 for Windows) now available  
NEWS 7 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage  
NEWS 8 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal  
status data from INPADOC  
NEWS 9 SEP 01 INPADOC: New family current-awareness alert (SDI) available  
NEWS 10 SEP 01 New pricing for the Save Answers for SciFinder Wizard within  
STN Express with Discover!  
NEWS 11 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX  
NEWS 12 SEP 27 STANDARDS will no longer be available on STN  
NEWS 13 SEP 27 SWETSCAN will no longer be available on STN  
NEWS 14 OCT 28 KOREAPAT now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004  
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NEWS INTER General Internet Information  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:14:15 ON 12 NOV 2004

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 17:14:23 ON 12 NOV 2004

FILE 'AGRICOLA' ENTERED AT 17:14:23 ON 12 NOV 2004

FILE 'CABA' ENTERED AT 17:14:23 ON 12 NOV 2004  
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FILE 'CAPLUS' ENTERED AT 17:14:23 ON 12 NOV 2004  
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FILE 'BIOTECHNO' ENTERED AT 17:14:23 ON 12 NOV 2004  
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=> s (goring, d? or goring d?)/au  
L1 487 (GORING, D? OR GORING D?)/AU

=> s (silva, n? or silva n?)/au  
L2 1613 (SILVA, N? OR SILVA N?)/AU

=> s l1 and l2  
L3 31 L1 AND L2

=> s perk or perk1 or proline(s)extensin  
L4 997 PERK OR PERK1 OR PROLINE(S) EXTENSIN

=> s l3 and l4  
L5 9 L3 AND L4

=> duplicate remove l5  
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L5  
L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)

=> d l6 1-4 ti

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Brassica napus **PERK** (**proline-rich extensin**  
-like receptor kinase) and uses for increasing plant seed production

L6 ANSWER 2 OF 4 MEDLINE on STN DUPLICATE 1  
TI The **proline-rich, extensin-like** receptor kinase-1 (**PERK1**) gene is rapidly induced by wounding.

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Brassica wounding- and pathogen-inducible **proline-rich**  
**extensin-like** receptor kinase **PERK1** gene and transgenic  
plants expressing it

L6 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
TI **PERK1**, a novel receptor-like protein kinase, is rapidly induced  
in response to wounding.

=> d l6 1-4 bib

L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:697048 CAPLUS  
DN 139:225528  
TI Brassica napus **PERK** (**proline-rich extensin**  
-like receptor kinase) and uses for increasing plant seed production

IN Goring, Daphne; Silva, Nancy; Haffani, Yosr Z.  
PA Can.  
SO PCT Int. Appl., 123 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003072763	A1	20030904	WO 2003-CA274	20030228
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002199218	A1	20021226	US 2002-86464	20020228
PRAI	CA 2002-2373903	A2	20020228		
	US 2002-86464	A2	20020228		
	WO 2000-CA966	W	20000818		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 4 MEDLINE on STN DUPLICATE 1  
AN 2002617149 MEDLINE  
DN PubMed ID: 12374299  
TI The **proline**-rich, **extensin**-like receptor kinase-1 (**PERK1**) gene is rapidly induced by wounding.  
AU Silva Nancy F; Goring Daphne R  
CS Department of Botany, University of Toronto, Ontario, Canada.  
SO Plant molecular biology, (2002 Nov) 50 (4-5) 667-85.  
Journal code: 9106343. ISSN: 0167-4412.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200301  
ED Entered STN: 20021011  
Last Updated on STN: 20030115  
Entered Medline: 20030114

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:152848 CAPLUS  
DN 134:218920  
TI Brassica wounding- and pathogen-inducible **proline**-rich **extensin**-like receptor kinase **PERK1** gene and transgenic plants expressing it  
IN Goring, Daphne; Silva, Nancy  
PA Can.  
SO PCT Int. Appl., 91 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001014563	A1	20010301	WO 2000-CA966	20000818
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,			

SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,  
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 CA 2382333 AA 20010301 CA 2000-2382333 20000818  
 AU 2000066775 A5 20010319 AU 2000-66775 20000818  
 EP 1409685 A1 20040421 EP 2000-954223 20000818  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI, CY  
 US 2002199218 A1 20021226 US 2002-86464 20020228  
 PRAI US 1999-149466P P 19990819  
 US 1999-159122P P 19991013  
 WO 2000-CA966 W 20000818  
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT  
 L6 ANSWER 4 OF 4 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on STN  
 AN 2002:621237 BIOSIS  
 DN PREV200200621237  
 TI PERK1, a novel receptor-like protein kinase, is rapidly induced  
 in response to wounding.  
 AU Silva, Nancy F. [Reprint author]; Goring, Daphne R.  
 [Reprint author]  
 CS Biology Department, York University, Toronto, ON, Canada  
 nsilva@yorku.ca  
 SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 33-34. print.  
 Meeting Info.: Joint Annual Meetings of the American Society of Plant  
 Biologists and the Canadian Society of Plant Physiologists. Providence,  
 Rhode Island, USA. July 21-25, 2001. American Society of Plant Biologists;  
 Canadian Society of Plant Physiologists.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 4 Dec 2002  
 Last Updated on STN: 4 Dec 2002

=> d his

(FILE 'HOME' ENTERED AT 17:14:15 ON 12 NOV 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
 17:14:23 ON 12 NOV 2004

L1 487 S (GORING, D? OR GORING D?)/AU  
 L2 1613 S (SILVA, N? OR SILVA N?)/AU  
 L3 31 S L1 AND L2  
 L4 997 S PERK OR PERK1 OR PROLINE(S)EXTENSIN  
 L5 9 S L3 AND L4  
 L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)

=> s perk and plant

L7 31 PERK AND PLANT

=> s l1 or l2

L8 2069 L1 OR L2

=> s l8 and l4

L9 10 L8 AND L4

=> s l9 not l3

L10 1 L9 NOT L3

=> d l10 bib

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2004:532793 CAPLUS  
TI The characterization of **perk1**, a novel receptor kinase  
implicated in plant defense and development  
AU **Silva, Nancy Fonseca**  
CS York Univ., Downsview, ON, Can.  
SO (2003) 276 pp. Avail.: UMI, Order No. DANQ82822  
From: Diss. Abstr. Int., B 2004, 64(8), 3680  
DT Dissertation  
LA English

=> s l7 not l8

L11 29 L7 NOT L8

=> duplicate remove l11

DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L11

L12 24 DUPLICATE REMOVE L11 (5 DUPLICATES REMOVED)

=> d l12 1-10 ti

L12 ANSWER 1 OF 24 MEDLINE on STN DUPLICATE 1  
TI Elevated gadd153/chop expression and enhanced c-Jun N-terminal protein  
kinase activation sensitizes aged cells to ER stress.

L12 ANSWER 2 OF 24 MEDLINE on STN DUPLICATE 2  
TI Chemoprevention by isothiocyanates and their underlying molecular  
signaling mechanisms.

L12 ANSWER 3 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Visibly stressed: The role of eIF2, TIA-1, and stress granules in protein  
translation

L12 ANSWER 4 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Regulation of Glycine max ornithine decarboxylase by salt and spermine

L12 ANSWER 5 OF 24 CABA COPYRIGHT 2004 CABI on STN  
TI Antitumor activities of a newly synthesized shikonin derivative,  
2-hyim-DMNQ-S-33.

L12 ANSWER 6 OF 24 MEDLINE on STN  
TI Plant MAP kinase pathways: how many and what for?.

L12 ANSWER 7 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
STN  
TI Analytical study of free and ester bound benzoic and cinnamic acids of gum  
benzoin resins by GC-MS and HPLC-frit FAB-MS.

L12 ANSWER 8 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Change of starch content during early somatic embryogenesis in wheat

L12 ANSWER 9 OF 24 CABA COPYRIGHT 2004 CABI on STN  
TI [The influence of environmental factors and storage period on germination  
of benfuracarb-treated maize (Zea mays L.)].  
Invloed van omgewingsfactoren en opberginstyd-**perk** op kieming van  
benfurakarb-behandelde mieliesaad (Zea mays L.).

L12 ANSWER 10 OF 24 CABA COPYRIGHT 2004 CABI on STN DUPLICATE 3  
TI Postharvest performance of poinsettia as affected by micronutrient source,  
storage, and cultivar.

=> d l12 6

L12 ANSWER 6 OF 24 MEDLINE on STN  
 AN 2001683603 MEDLINE  
 DN PubMed ID: 11730326  
 TI Plant MAP kinase pathways: how many and what for?.  
 AU Wrzaczek M; Hirt H  
 CS Institute of Microbiology and Genetics, Vienna Biocenter, Austria.  
 SO Biology of the cell / under the auspices of the European Cell Biology  
 Organization, (2001 Sep) 93 (1-2) 81-7.  
 Journal code: 8108529. ISSN: 0248-4900.  
 CY France  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200205  
 ED Entered STN: 20011204  
 Last Updated on STN: 20020522  
 Entered Medline: 20020520

=> d l12 11-20 ti

L12 ANSWER 11 OF 24 CABA COPYRIGHT 2004 CABI on STN  
 TI [Abstracts of Papers of the 6th Conference of the Weed Science Society of  
 Indonesia, Medan, 1981].  
 Kumpulan Abstrak Konperensi ke-Enam Himpunan Ilmu Gulma Indonesia.

L12 ANSWER 12 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 TI HOST RECORDS OF FRUIT FLIES FAMILY TEPHRITIDAE IN THE NORTHERN TERRITORY  
 AUSTRALIA.

L12 ANSWER 13 OF 24 CABA COPYRIGHT 2004 CABI on STN  
 TI Self-contained solar greenhouse.

L12 ANSWER 14 OF 24 CABA COPYRIGHT 2004 CABI on STN  
 TI Effects of media and supplementary micro element fertilization on growth  
 and chemical composition of cattleya.

L12 ANSWER 15 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 TI A COMPARISON OF 4 MICRO NUTRIENT SOURCES PERK FTE-503 FTE-504  
 AND ESMIGRAN IN CONTAINERS.

L12 ANSWER 16 OF 24 CABA COPYRIGHT 2004 CABI on STN  
 TI Effect of nutrition during propagation on future growth of Shumard oak,  
 Japanese black pine, pecan and river birch.

L12 ANSWER 17 OF 24 CABA COPYRIGHT 2004 CABI on STN  
 TI Correcting the chlorosis of pin oaks.

L12 ANSWER 18 OF 24 CABA COPYRIGHT 2004 CABI on STN  
 TI Some effects of three trace element fertilizers on the growth of nine  
 cultivars of poinsettias.

L12 ANSWER 19 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN  
 TI Influence of micronutrient sources and levels on response and tissue  
 content of Aphelandra, Brassaia and Philodendron

L12 ANSWER 20 OF 24 BIOSIS COPYRIGHT (c) 2004 The Thomson Corporation. on  
 STN  
 TI CONTRIBUTION TO THE KNOWLEDGE OF THE ICHNEUMONIDS HYMENOPTERA  
 ICHNEUMONIDAE OF THE PIENINY POLAND.

=> d l12 21-24 ti

L12 ANSWER 21 OF 24 CABA COPYRIGHT 2004 CABI on STN  
TI Influence of micronutrient sources and levels on response and tissue  
content of Aphelandra, Brassia and Philodendron.

L12 ANSWER 22 OF 24 CABA COPYRIGHT 2004 CABI on STN  
TI Identification and correction of copper deficiency of Rhododendron simsii  
'George Lindley Taber' cuttings.

L12 ANSWER 23 OF 24 CAPLUS COPYRIGHT 2004 ACS on STN  
TI Influence of propagation bed nutritional amendments on selected foliage  
plants

L12 ANSWER 24 OF 24 CABA COPYRIGHT 2004 CABI on STN  
TI The development of populations of Numicia viridis Muir in sugarcane  
fields.

=> d his

(FILE 'HOME' ENTERED AT 17:14:15 ON 12 NOV 2004)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
17:14:23 ON 12 NOV 2004

L1 487 S (GORING, D? OR GORING D?)/AU  
L2 1613 S (SILVA, N? OR SILVA N?)/AU  
L3 31 S L1 AND L2  
L4 997 S PERK OR PERK1 OR PROLINE(S)EXTENSIN  
L5 9 S L3 AND L4  
L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)  
L7 31 S PERK AND PLANT  
L8 2069 S L1 OR L2  
L9 10 S L8 AND L4  
L10 1 S L9 NOT L3  
L11 29 S L7 NOT L8  
L12 24 DUPLICATE REMOVE L11 (5 DUPLICATES REMOVED)

=> s proline(s)extensin(s)receptor(s)kinase

L13 9 PROLINE(S) EXTENSIN(S) RECEPTOR(S) KINASE

=> s l13 not l8

L14 0 L13 NOT L8

=> file uspatfull

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	38.71	38.92

FILE 'USPATFULL' ENTERED AT 17:21:00 ON 12 NOV 2004

CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 11 Nov 2004 (20041111/PD)

FILE LAST UPDATED: 11 Nov 2004 (20041111/ED)

HIGHEST GRANTED PATENT NUMBER: US6817028

HIGHEST APPLICATION PUBLICATION NUMBER: US2004226068

CA INDEXING IS CURRENT THROUGH 11 Nov 2004 (20041111/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 11 Nov 2004 (20041111/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2004

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2004

>>> USPAT2 is now available. USPATFULL contains full text of the <<<  
>>> original, i.e., the earliest published granted patents or <<<  
>>> applications. USPAT2 contains full text of the latest US <<<  
>>> publications, starting in 2001, for the inventions covered in <<<

```
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<
```

```
>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s (goring, D? or goring d?)/au
      2 GORING, D?/AU
      2 GORING D?/AU
L15   2 (GORING, D? OR GORING D?)/AU
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=> s (silva, n? or silva n?)/au
      6 SILVA, N?/AU
      6 SILVA N?/AU
L16   6 (SILVA, N? OR SILVA N?)/AU
```

```
=> s 115 or 116
L17   7 L15 OR L16
```

```
=> d 117 1-7 ti
```

```
L17 ANSWER 1 OF 7 USPATFULL on STN
TI   Proline-rich extensin-like receptor kinases
```

```
L17 ANSWER 2 OF 7 USPATFULL on STN
TI   Conductive elastomer for grafting to thermoplastic and thermoset
      substrates
```

```
L17 ANSWER 3 OF 7 USPATFULL on STN
TI   Conductive elastomer for grafting to an elastic substrate
```

```
L17 ANSWER 4 OF 7 USPATFULL on STN
TI   Conductive elastomer for grafting to a metal substrate
```

```
L17 ANSWER 5 OF 7 USPATFULL on STN
TI   Grafted thermoplastic elastomer barrier layer
```

```
L17 ANSWER 6 OF 7 USPATFULL on STN
TI   S-locus receptor kinase gene in a self-incompatible brassica napus line
```

```
L17 ANSWER 7 OF 7 USPATFULL on STN
TI   Pie crust protector
```

```
=> d 117 1,6 bib
```

```
L17 ANSWER 1 OF 7 USPATFULL on STN
AN   2002:345480 USPATFULL
TI   Proline-rich extensin-like receptor kinases
IN   Goring, Daphne, Richmond Hill, CANADA
      Silva, Nancy, Mississauga, CANADA
      Haffani, Yosr Z., Toronto, CANADA
```



PI US 2002199218 A1 20021226  
AI US 2002-86464 A1 20020228 (10)  
WO 2000-CA966 20000818  
DT Utility  
FS APPLICATION  
LREP Gene J. Yao, Esquire, Synnestvedt & Lechner LLP, 2600 Aramark Tower,  
1101 Market Street, Philadelphia, PA, 19107-2950  
CLMN Number of Claims: 5  
ECL Exemplary Claim: 1  
DRWN 46 Drawing Page(s)  
LN.CNT 2544  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 7 USPATFULL on STN  
AN 1998:124425 USPATFULL  
TI S-locus receptor kinase gene in a self-incompatible brassica napus line  
IN Rothstein, Steven J., Guelph, Canada  
Goring, Daphne R., Woodbridge, Canada  
PA University of Guelph, Guelph, Canada (non-U.S. corporation)  
PI US 5821094 19981013  
AI US 1994-265628 19940624 (8)  
RLI Continuation of Ser. No. US 1992-959945, filed on 8 Oct 1992, now  
abandoned which is a continuation-in-part of Ser. No. US 1992-847564,  
filed on 3 Mar 1992, now abandoned  
DT Utility  
FS Granted  
EXNAM Primary Examiner: McElwain, Elizabeth  
LREP Foley and Lardner  
CLMN Number of Claims: 14  
ECL Exemplary Claim: 9  
DRWN 24 Drawing Figure(s); 20 Drawing Page(s)  
LN.CNT 1526  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s proline(s)extensin(s)receptor(s)kinase  
34358 PROLINE  
316 EXTENSIN  
101833 RECEPTOR  
46107 KINASE  
L18 17 PROLINE(S)EXTENSIN(S)RECEPTOR(S)KINASE

=> s l18 not l17  
L19 16 L18 NOT L17

=> d l19 1-10 ti

L19 ANSWER 1 OF 16 USPATFULL on STN  
TI Method of using MAPK4 and orthologues thereof to control plant disease  
resistance and plant growth

L19 ANSWER 2 OF 16 USPATFULL on STN  
TI Cathepsin V-like polypeptides

L19 ANSWER 3 OF 16 USPATFULL on STN  
TI Polynucleotide and polypeptide fat metabolism regulators and uses  
thereof

L19 ANSWER 4 OF 16 USPATFULL on STN  
TI Nucleic acids and polypeptides

L19 ANSWER 5 OF 16 USPATFULL on STN  
TI Rice promoters for regulation of plant expression

L19 ANSWER 6 OF 16 USPATFULL on STN

TI Identification and characterization of plant genes

L19 ANSWER 7 OF 16 USPATFULL on STN

TI Novel human polynucleotides and polypeptides encoded thereby

L19 ANSWER 8 OF 16 USPATFULL on STN

TI Novel nucleic acids and polypeptides

L19 ANSWER 9 OF 16 USPATFULL on STN

TI Novel nucleic acids and polypeptides

L19 ANSWER 10 OF 16 USPATFULL on STN

TI Compositions for the detection of blood cell and immunological response gene expression

=> d 119 1,2,4,6,8,9 bib

L19 ANSWER 1 OF 16 USPATFULL on STN

AN 2004:222911 USPATFULL

TI Method of using MAPK4 and orthologues thereof to control plant disease resistance and plant growth

IN Mundy, John, Valby, DENMARK

Jensen, Anders Bogh, Humlebaek, DENMARK

Petersen, Morten, Copenhagen V, DENMARK

Naested, Henrik, Copenhagen N, DENMARK

Brodersen, Peter, Copenhagen O, DENMARK

PI US 2004172685 A1 20040902

AI US 2000-730478 A1 20001206 (9)

PRAI DK 1999-1746 19991206  
US 1999-169614P 19991208 (60)

DT Utility

FS APPLICATION

LREP FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007

CLMN Number of Claims: 39

ECL Exemplary Claim: 1

DRWN 6 Drawing Page(s)

LN.CNT 1946

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 2 OF 16 USPATFULL on STN

AN 2004:217827 USPATFULL

TI Cathepsin V-like polypeptides

IN Tang, Y. Tom, San Jose, CA, United States

Goodrich, Ryle W., Los Angeles, CA, United States

Asundi, Vinod, Foster City, CA, United States

Drmanac, Radoje T., Palo Alto, CA, United States

PA Nuvelo, Inc., Sunnyvale, CA, United States (U.S. corporation)

PI US 6783969 B1 20040831

AI US 2001-799451 20010305 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Myers, Carla J.

CLMN Number of Claims: 3

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 7745

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 4 OF 16 USPATFULL on STN

AN 2004:135666 USPATFULL

TI Nucleic acids and polypeptides

IN Tang, Y. Tom, San Jose, CA, United States

Zhou, Ping, Cupertino, CA, United States

Goodrich, Ryle, San Jose, CA, United States

Liu, Chenghua, San Jose, CA, United States  
 Asundi, Vinod, Foster City, CA, United States  
 Ren, Feiyan, Cupertino, CA, United States  
 Zhang, Jie, Campbell, CA, United States  
 Zhao, Qing A., San Jose, CA, United States  
 Yang, Yonghong, San Jose, CA, United States  
 Xue, Aidong J., Sunnyvale, CA, United States  
 Wehrman, Tom, Stanford, CA, United States  
 Wang, Jian-Rui, Cupertino, CA, United States  
 Wang, Dunrui, Poway, CA, United States  
 Drmanac, Radoje T., Palo Alto, CA, United States  
 PA Nuvelo, Sunnyvale, CA, United States (U.S. corporation)  
 PI US 6743619 B1 20040601  
 AI US 2001-774528 20010130 (9)  
 DT Utility  
 FS GRANTED  
 EXNAM Primary Examiner: Achutamurthy, Ponnathapu; Assistant Examiner: Pak, Yong  
 LREP Quertermous, Elena  
 CLMN Number of Claims: 3  
 ECL Exemplary Claim: 1  
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
 LN.CNT 6327  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 6 OF 16 USPATFULL on STN  
 AN 2004:14292 USPATFULL  
 TI Identification and characterization of plant genes  
 IN Lange, B. Markus, San Diego, CA, UNITED STATES  
 Ghassemian, Majid, Carlsbad, CA, UNITED STATES  
 Briggs, Steven P., Del Mar, CA, UNITED STATES  
 Cooper, Bret, La Jolla, CA, UNITED STATES  
 Glazebrook, Jane, San Diego, CA, UNITED STATES  
 Goff, Stephen Arthur, Encinitas, CA, UNITED STATES  
 Katagiri, Fumiaki, San Diego, CA, UNITED STATES  
 Kreps, Joel, Carlsbad, CA, UNITED STATES  
 Moughamer, Todd, San Diego, CA, UNITED STATES  
 Provart, Nicholas, Toronto, CANADA  
 Ricke, Darrell, San Diego, CA, UNITED STATES  
 Zhu, Tong, San Diego, CA, UNITED STATES  
 PI US 2004010815 A1 20040115  
 AI US 2002-259194 A1 20020926 (10)  
 PRAI US 2001-325277P 20010926 (60)  
 US 2002-370743P 20020404 (60)  
 US 2002-370620P 20020404 (60)  
 US 2001-325277P 20010926 (60)  
 DT Utility  
 FS APPLICATION  
 LREP TORREY MESA RESEARCH INSTITUTE, INTELLECTUAL PROPERTY DEPARTMENT, 3115  
 MERRYFIELD ROW, SAN DIEGO, CA, 92121  
 CLMN Number of Claims: 113  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 10764  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 8 OF 16 USPATFULL on STN  
 AN 2003:318635 USPATFULL  
 TI Novel nucleic acids and polypeptides  
 IN Tang, Y. Tom, San Jose, CA, UNITED STATES  
 Yang, Yonghong, San Jose, CA, UNITED STATES  
 Wang, Zhiwei, Sunnyvale, CA, UNITED STATES  
 Weng, Gezhi, Piedmont, CA, UNITED STATES  
 Ma, Yunqing, Santa Clara, CA, UNITED STATES  
 PI US 2003224379 A1 20031204

AI US 2002-243552 A1 20020912 (10)  
RLI Continuation-in-part of Ser. No. WO 2000-US35017, filed on 22 Dec 2000,  
PENDING Continuation-in-part of Ser. No. US 2000-552317, filed on 25 Apr  
2000, ABANDONED Continuation-in-part of Ser. No. US 2000-488725, filed  
on 21 Jan 2000, PENDING  
PRAI WO 2001-US2623 20010125  
WO 2001-US3800 20010205  
WO 2001-US4927 20010226  
WO 2001-US4941 20010305  
WO 2001-US8631 20010330  
WO 2001-US8656 20010416  
WO 2001-US14827 20010516  
US 2001-322511P 20010913 (60)  
DT Utility  
FS APPLICATION  
LREP Elena Quertermous, 675 Almanor Avenue, Sunnyvale, CA, 94085  
CLMN Number of Claims: 26  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 13810  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 9 OF 16 USPATFULL on STN  
AN 2003:312148 USPATFULL  
TI Novel nucleic acids and polypeptides  
IN Tang, Y. Tom, San Jose, CA, UNITED STATES  
Goodrich, Ryle, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Wang, Dunrui, Poway, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES  
PI US 2003219745 A1 20031127  
AI US 2002-120988 A1 20020411 (10)  
RLI Continuation of Ser. No. US 2001-774528, filed on 30 Jan 2001, PENDING  
DT Utility  
FS APPLICATION  
LREP Luisa Bigornia, HYSEQ, INC., 670 Almanor Avenue, Sunnyvale, CA, 94085  
CLMN Number of Claims: 27  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 7867  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l19 11-16 ti

L19 ANSWER 11 OF 16 USPATFULL on STN  
TI Genes that are modulated by posttranscriptional gene silencing  
  
L19 ANSWER 12 OF 16 USPATFULL on STN  
TI Flea head, nerve cord, hindgut and malpighian tubule nucleic acid  
molecules, proteins and uses thereof  
  
L19 ANSWER 13 OF 16 USPATFULL on STN  
TI Human genes and gene expression products  
  
L19 ANSWER 14 OF 16 USPATFULL on STN  
TI Stress-regulated genes of plants, transgenic plants containing same, and  
methods of use  
  
L19 ANSWER 15 OF 16 USPATFULL on STN  
TI Expressed sequences of arabidopsis thaliana  
  
L19 ANSWER 16 OF 16 USPATFULL on STN  
TI Expressed sequences of arabidopsis thaliana

=> d 119 14-16 bib

L19 ANSWER 14 OF 16 USPATFULL on STN  
AN 2002:287515 USPATFULL  
TI Stress-regulated genes of plants, transgenic plants containing same, and methods of use  
IN Harper, Jeffrey F., Del Mar, CA, UNITED STATES  
Kreps, Joel, Carlsbad, CA, UNITED STATES  
Wang, Xun, San Diego, CA, UNITED STATES  
Zhu, Tong, San Diego, CA, UNITED STATES  
PI US 2002160378 A1 20021031  
US 2004009476 A9 20040115  
AI US 2001-938842 A1 20010824 (9)  
PRAI US 2000-227866P 20000824 (60)  
US 2001-264647P 20010126 (60)  
US 2001-300111P 20010622 (60)  
DT Utility  
FS APPLICATION  
LREP Lisa A. Haile, J.D., Ph.D., GRAY CARY WARE & FREIDENRICH LLP, Suite 1600, 4365 Executive Drive, San Diego, CA, 92121-2189  
CLMN Number of Claims: 79  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 10399  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 15 OF 16 USPATFULL on STN  
AN 2002:73349 USPATFULL  
TI Expressed sequences of arabidopsis thaliana  
IN Gorlach, Jorn, Durham, NC, UNITED STATES  
An, Yong-Qiang, San Diego, CA, UNITED STATES  
Hamilton, Carol M., Apex, NC, UNITED STATES  
Price, Jennifer L., Raleigh, NC, UNITED STATES  
Raines, Tracy M., Durham, NC, UNITED STATES  
Yu, Yang, Martinsville, NJ, UNITED STATES  
Rameaka, Joshua G., Durham, NC, UNITED STATES  
Page, Amy, Durham, NC, UNITED STATES  
Mathew, Abraham V., Cary, NC, UNITED STATES  
Ledford, Brooke L., Holly Springs, NC, UNITED STATES  
Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES  
Haas, William David, Durham, NC, UNITED STATES  
Garcia, Carlos A., Carrboro, NC, UNITED STATES  
Kricker, Maja, Pittsboro, NC, UNITED STATES  
Slater, Ted, Apex, NC, UNITED STATES  
Davis, Keith R., Durham, NC, UNITED STATES  
Allen, Keith, Cary, NC, UNITED STATES  
Hoffman, Neil, Chapel Hill, NC, UNITED STATES  
Hurban, Patrick, Raleigh, NC, UNITED STATES  
PI US 2002040490 A1 20020404  
AI US 2001-770423 A1 20010126 (9)  
PRAI US 2000-178512P 20000127 (60)  
DT Utility  
FS APPLICATION  
LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528, RTP, NC, 277094528  
CLMN Number of Claims: 27  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 3797  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 16 OF 16 USPATFULL on STN  
AN 2002:38559 USPATFULL

TI Expressed sequences of arabidopsis thaliana  
 IN Gorlach, Jorn, Durham, NC, UNITED STATES  
 An, Yong-Qiang, San Diego, CA, UNITED STATES  
 Hamilton, Carol M., Apex, NC, UNITED STATES  
 Price, Jennifer L., Raleigh, NC, UNITED STATES  
 Raines, Tracy M., Durham, NC, UNITED STATES  
 Yu, Yang, Martinsville, NJ, UNITED STATES  
 Rameaka, Joshua G., Durham, NC, UNITED STATES  
 Page, Amy, Durham, NC, UNITED STATES  
 Mathew, Abraham V., Cary, NC, UNITED STATES  
 Ledford, Brooke L., Holly Springs, NC, UNITED STATES  
 Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES  
 Haas, William David, Durham, NC, UNITED STATES  
 Garcia, Carlos A., Carrboro, NC, UNITED STATES  
 Kricker, Maja, Pittsboro, NC, UNITED STATES  
 Slater, Ted, Apex, NC, UNITED STATES  
 Davis, Keith R., Durham, NC, UNITED STATES  
 Allen, Keith, Cary, NC, UNITED STATES  
 Hoffman, Neil, Chapel Hill, NC, UNITED STATES  
 Hurban, Patrick, Raleigh, NC, UNITED STATES  
 PI US 2002023281 A1 20020221  
 AI US 2001-770445 A1 20010126 (9)  
 PRAI US 2000-178472P 20000127 (60)  
 DT Utility  
 FS APPLICATION  
 LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528,  
 RTP, NC, 277094528  
 CLMN Number of Claims: 27  
 ECL Exemplary Claim: 1  
 DRWN No Drawings  
 LN.CNT 4317  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT  
 17:14:23 ON 12 NOV 2004

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 L2 1613 S (SILVA, N? OR SILVA N?)/AU  
 L3 31 S L1 AND L2  
 L4 997 S PERK OR PERK1 OR PROLINE(S)EXTENSIN  
 L5 9 S L3 AND L4  
 L6 4 DUPLICATE REMOVE L5 (5 DUPLICATES REMOVED)  
 L7 31 S PERK AND PLANT  
 L8 2069 S L1 OR L2  
 L9 10 S L8 AND L4  
 L10 1 S L9 NOT L3  
 L11 29 S L7 NOT L8  
 L12 24 DUPLICATE REMOVE L11 (5 DUPLICATES REMOVED)  
 L13 9 S PROLINE(S)EXTENSIN(S)RECEPTOR(S)KINASE  
 L14 0 S L13 NOT L8

FILE 'USPATFULL' ENTERED AT 17:21:00 ON 12 NOV 2004

L15 2 S (GORING, D? OR GORING D?)/AU  
 L16 6 S (SILVA, N? OR SILVA N?)/AU  
 L17 7 S L15 OR L16  
 L18 17 S PROLINE(S)EXTENSIN(S)RECEPTOR(S)KINASE  
 L19 16 S L18 NOT L17

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
 LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

19.57

58.49

STN INTERNATIONAL LOGOFF AT 17:25:06 ON 12 NOV 2004